Index of Claims

Application/Control No.

10/789,634 Examiner

Alexander J. Kosowski

Applicant(s)/Patent under Reexamination

THORNTON ET AL.

Art Unit

2125

| <b>√</b> | Rejected |
|----------|----------|
| 11       | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cli  | aim      | m Date   |          |          |              |            |                  |  | C        | Claim Date     |          |                 |          |          |          |             |          | C         | aim  | <u> </u> | Date           |          |            |          |              |   |           |   |          |           |                |               |
|--|----------|----------|----------|----------|--------------|------------|------------------|--|----------|----------------|----------|-----------------|----------|----------|----------|-------------|----------|-----------|--|----------|----------------|----------|------------|----------|--------------|---|-----------|---|----------|-----------|----------------|---------------|
| Final  | Original | 90/9/6   |          |          |              |            |                  |  |          |                | Final    | Original        | 90/9/6   |          |          |             |          |           |  |          |                | Final    | Original   |          |              |   |           |   |          |           |                |               |
|  | 1        | 1        |          | 1        | T            | T          | 1                | T  | T        | H              |          | 51              | √        | $\vdash$ | $\vdash$ |             |          |           | Н  |          | Н              |          | 101        | 1 1      | $\dashv$     | 7   |           |   |          |           | H              | Г             |
|  | 2        | V        |          | T        | T            | T          | T                | t  |          | П              |          | 52              | Ì        |          |          |             |          |           |  |          | П              |          | 102        | Ħ        |              | T   |           |   |          | Г         | П              |               |
|  | 3        | V        |          | T        | T.,          |            | 1                | Ī.   |          | П              |          | -53-            | -        |          |          |             |          |           |  |          | П              |          | 103        | П        |              | 丁   |           |   |          |           | П              | Γ             |
|  | 4        | ✓        |          |          |              |            |                  |  |          |                |          | -54             |          |          |          |             |          |           |  |          |                |          | 104        |          |              | T   |           |   |          |           |                | Γ             |
|  | 5        | ✓        |          |          |              |            |                  |  |          |                |          | 35              |          |          | Γ        |             |          |           |  |          |                |          | 105        |          |              |   |           |   |          |           |                | Π             |
|  | 6        | ✓        |          |          |              |            |                  |  |          |                |          | 56              |          |          |          |             |          |           |  |          |                |          | 106        |          |              |   |           |   |          |           |                |               |
|  | 7        | ✓        |          | ╙        | 丄            | ╙          | ┸                | <u> </u>   | 1_       | Ш              |          | 57.             | _        |          |          |             |          |           |  |          | Ш              | L        | 107        |          |              |   |           |   |          |           |                |               |
|  | 8        | ✓        |          | ╙        | ╙            | 上          | $\perp$          | _  | ╙        | Ш              |          | -58             |          |          | L        |             |          |           |  |          | Ш              | ļ        | 108        |          | _            |   |           |   |          | Ш         | Ш              | _             |
| <u> </u>   | 9        | V        |          | ↓_       | 上            | ┺          | ļ                | ↓_   | <u> </u> | Ш              |          | - <del>59</del> | <u></u>  | _        | L        |             |          |           |  |          | Ш              |          | 109        | Ш        |              | _   |           |   |          |           | Ш              | L             |
| <u> </u>   | 10       | √        |          | ╄        | _            | ╄-         | ╀                | <u> </u>   | _        |                | _        | -60             | _        | _        | <u> </u> |             |          |           |  |          | Ш              |          | 110        | $\sqcup$ | 4            | _   |           |   |          | _         | Ш              | $\vdash$      |
| <u> </u>   | 11       | V        | ╙        | ╄-       | <del> </del> | ╀          | ╀                | ╄  | <u> </u> | Ш              | <u> </u> | 64              | _        | _        | L        |             | _        |           |  |          | Ш              |          | 111        | $\sqcup$ | 4            | 4   |           |   |          | <u> </u>  |                | <u> </u>      |
| <b>-</b>   | 12       | √        | ├        | ╀        | ╄            | ╀          | ┼                | ↓_   | ╄        | Ш              |          | 62              | <b>!</b> |          | <u> </u> |             |          |           |  |          | Щ              | -        | 112        | Ш        | _            | 4   |           |   |          | igspace   | Ш              | <u> </u>      |
| -  | 13       | √        | -        | ╀        | ╀            | ╀          | ┿                | -  | -        | Н              | <u> </u> | -63-            | <u> </u> | ⊢        | ┡        | _           | _        | _         | $\dashv$   |          | Ш              |          | 113        | $\sqcup$ | _            | 4   |           |   |          | $\vdash$  |                | $\vdash$      |
|  | 14       | √        | ⊢        | ┼-       | -            | ╀          | ┼                | -  | -        | Ш              | -        | 64              | ⊢        | <b> </b> | -        |             |          |           |  | $\Box$   | Н              |          | 114        | $\vdash$ |              | 4   |           |   |          | $\vdash$  | Н              | <u> </u>      |
| <u> </u>   | 15       | ✓        | ├        | ₽        | ╀╌           | +          | ╄                | ╄  | <u> </u> | $\vdash\vdash$ | -        | - <del>65</del> | H        |          | -        |             |          |           | Ш  |          |                | ┡        | 115        | $\vdash$ | -            | -   |           |   | _        | $\vdash$  | Н              | -             |
| -  | 16       |          | ⊢        | ╁        | -            | +          | ╁                | ╀  | ┢        | $\vdash$       | -        | <del>-66</del>  | ١,       | ⊢        | H        |             | _        | _         |  |          |                |          | 116        | $\vdash$ | $\dashv$     | $\dashv$  | _         | - | _        | $\vdash$  | Н              | $\vdash$      |
| -  | 10       | ┢        | ╀        | ╁        | ╁            | ╁          | ╁                | ╁  | ⊢        | Н              | -        |                 | <b>√</b> |          | -        |             |          |           |  | _        | $\vdash\vdash$ | -        | 117        | $\vdash$ | +            | +   |           | _ |          | $\vdash$  | $\vdash\vdash$ | $\vdash$      |
| <u> </u>   | 79       | H        | ├        | ╀        | ╄            | ┼          | ╀                | ╀  | ⊢        | Н              | -        | 68              | V        | H        | $\vdash$ | Н           |          | _         |  | _        | Н              | -        | 118        | $\vdash$ | $\dashv$     | $\dashv$  |           |   |          | <b>-</b>  | $\vdash$       | $\vdash$      |
| ├─-  | 20       | -        | ┢┈       | ╁        | ╁            | ╀          | ╂                | ╁  | ├        | Н              | -        |                 | <b>√</b> | ⊢        | ├        | Н           |          |           | $\dashv$   | -        | Н              |          | 119        | ┥        | +            | $\dashv$  | _         |   |          | H         |                |               |
|  | 21       | $\vdash$ | Ͱ        | ╁        | $\vdash$     | ₩          | ╁╾               | ╁  | $\vdash$ | Н              |          | 70              | ✓        | ⊢        | -        | -           |          |           | $\dashv$   |          | Н              |          | 120<br>121 | $\vdash$ | +            | -   | $\dashv$  |   | <u> </u> | H         | $\vdash$       | -             |
|  | 22       | $\vdash$ | ┢        | ╁        | ⊢            | ┼-         | ╁                | ╁  | ╁        | $\vdash$       |          | 72              | √<br>√   | $\vdash$ |          | -           |          |           |  |          | $\vdash$       | $\vdash$ | 122        | ⊢⊦       | $\dashv$     | $\dashv$  | -         | _ |          | Н         | <b>  </b>      | _             |
| <del>                                     </del> | 23       |          | $\vdash$ | $\vdash$ | ┼            | ╁          | ╁╴               | ╁  | $\vdash$ | Н              |          | 73              | V        | ⊢        | H        |             | _        |           | $\dashv$   |          |                | -        | 123        | $\vdash$ | +            | $\dashv$  | _         | _ |          | $\vdash$  | $\vdash$       |               |
| <del></del>                                      | -24      |          | ┢        | ╁        | ╁┈           | ╁╌         | +                | ╁  | -        | Н              | -        | 74              | ✓        | ⊢        | Н        | -           | $\dashv$ |           | $\dashv$   |          | $\dashv$       | -        | 123        | $\vdash$ | $\dashv$     | $\dashv$  | _         |   |          | $\vdash$  | Н              |               |
| <del> </del>                                     | 25       | -        | ⊢        | ╁        | ╁            | ╁╴         | ┢                | ╁  |          | H              | $\vdash$ | 75              | ⊢        | ├        | -        | -           | -        |           | $\dashv$   |          | $\dashv$       | -        | 125        | $\vdash$ | $\dashv$     | +   | _         |   | _        | Н         | $\vdash$       | _             |
|  | -26      | $\vdash$ | $\vdash$ | ╁╴       | ╁            | +          | ╁╌               | +  | $\vdash$ | Н              | -        | 76              | -        | ┝        | H        | -           | -        |           |  | -        | $\dashv$       | $\vdash$ | 126        | ╁        | +            | $\dashv$  | -         |   |          | $\vdash$  | $\vdash$       | _             |
|  | 27       | $\vdash$ |          | ╆        | ╁            | ╁          | ╁╴               | ╁  | +-       | Н              | -        | 77              | $\vdash$ | ┝        | Н        | -           |          | -         | $\dashv$   |          | $\dashv$       | -        | 127        | $\vdash$ | $\dashv$     | +   | -         |   |          | Н         | $\vdash$       |               |
|  | 28       | -        | ┢        | ╆        | ╁            | ╁          | +-               |  | -        | Н              | -        | 78              |          |          | Н        | -           | $\dashv$ | $\vdash$  | $\dashv$   |          | $\dashv$       | $\vdash$ | 128        | $\vdash$ | $\dashv$     | ┰   | -         |   |          |           | $\vdash$       | $\overline{}$ |
|  | 29.      | _        | Н        | +        | ╁            | $\vdash$   | ╁                | ┢  | -        | Н              |          | 79              | $\vdash$ | $\vdash$ | H        | -1          |          |           | $\dashv$   | -        | $\dashv$       |          | 129        | ╁        | $\dashv$     | $\dashv$  | -         |   |          | Н         | H              | _             |
|  | -30-     | $\vdash$ | H        | $t^{-}$  | $\vdash$     | 十          | ┢                | 1  |          | Н              |          | 80              |          |          |          |             | $\dashv$ | $\dashv$  |  | $\neg$   | -              |          | 130        | $\vdash$ | 十            | +   | -         |   |          | Н         | $\vdash$       | _             |
| <b>—</b>   | -31      |          | H        | 1        | t            | $\vdash$   | $\vdash$         | <del>                                     </del> | H        | Н              |          | 81              | -        |          | Н        |             | $\dashv$ | $\exists$ | $\dashv$   |          |                |          | 131        |          | +            | 十   | $\exists$ |   |          | Н         | $\vdash$       | _             |
|  | 32       | _        | ┪        | Т        |              | 1          | †-               | Т  |          | $\Box$         |          | 82              | _        | $\vdash$ | $\vdash$ | $\neg$      | $\neg$   | _         | $\dashv$   |          |                |          | 132        |          | 十            | +   |           |   |          | М         | П              |               |
| -  | 33       |          | $\vdash$ | $\vdash$ | 1            |            | 1                |  |          | П              |          | 83              |          |          |          |             | $\neg$   |           | $\dashv$   |          |                |          | 133        | T        | 十            | $\dashv$  |           |   | _        | П         | П              | _             |
|  | -34      | _        | Т        | Т        | t            | t          | 1                | Т  |          | $\dashv$       |          | 84              |          |          | П        |             |          |           |  |          | $\dashv$       |          | 134        |          | 十            | 十   | $\neg$    |   |          | $\Box$    | П              | _             |
|  | 35       | <b>√</b> |          |          |              | Т          |                  | Τ  |          | $\Box$         |          | 85              |          |          | П        | $\neg \neg$ |          |           |  | $\neg$   | $\dashv$       |          | 135        | $\sqcap$ | T            | ヿ   |           |   |          | П         | П              | _             |
|  | 36       | <b>√</b> |          |          | ļ            | 1          | 1                | Г  | Г        | П              |          | 86              |          |          | П        |             |          |           |  |          | $\neg$         |          | 136        |          | T            | T   |           |   |          |           | Ħ              |               |
|  | 37       | <b>√</b> |          | 1        |              |            |                  |  |          |                |          | 87              |          |          |          |             | $\neg$   |           | $\neg$   | $\neg$   |                |          | 137        |          | T            | T   |           |   |          |           |                | $\overline{}$ |
|  | 38       | <b>√</b> |          |          |              | Т          | Т                | Г  |          | П              |          | 88              |          |          |          |             |          |           |  |          |                |          | 138        |          | T            | 寸   | ヿ         |   |          |           | П              | $\overline{}$ |
|  | 39       | √        |          |          | П            |            |                  | Г  | Г        | $\Box$         |          | 89              |          |          |          |             |          |           |  |          |                |          | 139        |          | T            | T   |           |   |          |           |                |               |
|  | 40       | 7        |          |          |              |            |                  |  |          |                |          | 90              |          |          |          |             |          |           | $\neg$   |          |                |          | 140        |          |              | 1   |           |   |          |           |                |               |
|  | 41       | √        |          |          | Ш            | Г          |                  |  |          |                |          | 91              |          |          |          |             |          |           |  |          |                |          | 141        |          | $\top$       | $\exists$   |           |   |          |           | $\Box$         |               |
|  | 42       | <b>√</b> | Ĺ        |          |              |            |                  | $\Box$   |          |                |          | 92              |          |          |          |             |          |           |  |          |                |          | 142        |          | カ            | Ī   |           |   |          |           |                | _             |
|  | 43       | ✓        | L        | L        |              |            |                  |  |          |                |          | 93              |          |          |          |             |          |           |  |          |                |          | 143        |          |              |   |           |   |          |           |                | _             |
| L  | 44       | <b>√</b> | L        |          | <u> </u>     | <u> </u>   | ┖                | L  |          |                |          | 94              |          |          |          |             |          |           |  |          |                |          | 144        |          | $\perp$      | Ι   |           |   |          |           |                |               |
| <u> </u>   | 45       | √        | L        | <u> </u> |              |            |                  | <u> </u>   | Ш        | Ш              |          | 95              |          |          |          |             |          |           |  |          |                |          | 145        | Ш        | $oxed{\Box}$ | $oldsymbol{ol}}}}}}}}}}}}}}}$ |           |   |          |           |                |               |
| $\vdash$   | 46       | √        | <u> </u> | _        | <u>_</u>     | <b> </b> _ | _                | 丄  | Ш        | Щ              |          | 96              | Ш        | Ш        | Ш        |             | _        |           | $oldsymbol{ol}}}}}}}}}}}}}}}}}}}}$ |          |                |          | 146        | Ш        | _[_          | $\perp$   |           |   |          |           | $\Box$         |               |
| L  | 47       | V        | $\vdash$ | <b>⊢</b> | $\vdash$     | ╙          | ــــ             | <u> </u>   | Щ        | Щ              | <u> </u> | 97              | Ш        | Ш        | Ш        | _           |          |           |  |          |                |          | 147        | Ш        |              | $\perp$   |           |   |          | ]         | $\Box$         | _             |
| L.,  | 48       | V        |          | $\vdash$ | <u> </u>     | <u> </u>   | $oxed{oxed}$     | ∟  | Ш        |                |          | 98              | Ш        | Щ        | Ш        |             |          |           | [  |          |                |          | 148        | Ш        |              | $\perp$   | _]        |   |          | $\square$ | $\Box$         |               |
| $\vdash$   | 49       | <b>√</b> | L        | _        | <u> </u>     | _          | $ldsymbol{oxed}$ | <u> </u>   | Щ        | _              |          | 99              |          |          | Щ        | ļ           | _        |           | _  |          |                |          | 149        | Ш.       | _            | $\perp$   | _         |   | _]       |           |                |               |
|  | 50       | √        | L        | <u> </u> |              |            |                  | L  |          |                |          | 100             |          |          |          | _ ]         |          | ı         |  | J        |                | 1        | 150        |          |              | -   |           |   | - 1      | . 1       | 1              |               |